

09/225879

# NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 1/5/99 are:

A. 0 not objected to by the Draftperson under 37 CFR 1.84 or 1.152.

B. 0 objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:            Black ink. Color.            _____ Color drawing are not acceptable until petition is granted.            Fig.(s) _____            _____ Pencil and non black ink is not permitted. Fig(s) _____</p>	<p>7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)            _____ Hatching not indicated for sectional portions of an object.            Fig.(s) _____            _____ Sectional designation should be noted with Arabic or Roman numbers. Fig.(s) _____</p>
<p>2. PHOTOGRAPHS. 37 CFR 1.84(b)            _____ Photographs are not acceptable until petition is granted.            _____ 3 full-tone sets are required. Fig(s) _____            _____ Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____            _____ Poor quality (half-tone). Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)            _____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig.(s) _____            _____ Views not on the same plane on drawing sheet. Fig.(s) _____</p>
<p>3. TYPE OF PAPER. 37 CFR 1.84(e)            _____ Paper not flexible, strong, white and durable.            Fig.(s) _____            _____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)            _____ Mylar, vellum paper is not acceptable (too thin).            Fig(s) _____</p>	<p>9. SCALE. 37 CFR 1.84(k)            _____ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.            Fig.(s) _____</p>
<p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:            _____ 21.0 cm by 29.7 cm (DIN size A4)            _____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)            _____ All drawings sheets not the same size.            Sheet(s) _____</p>	<p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(l)  <u>✓</u> Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable and black (poor line quality).            Fig.(s) <u>1016-21</u></p>
<p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:            Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm            SIZE: A4 Size            Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm            SIZE: 8 1/2 x 11  <u>0</u> Margins not acceptable. Fig(s) <u>17, 16, 18, 19, 21</u>            _____ Top (T) <u>0</u> Left (L)            _____ Right (R) _____ Bottom (B)</p>	<p>11. SHADING. 37 CFR 1.84(m)            _____ Solid black areas pale. Fig.(s) _____            _____ Solid black shading not permitted. Fig.(s) _____            _____ Shade lines, pale, rough and blurred. Fig.(s) _____</p>
<p>6. VIEWS. CFR 1.84(h)            REMINDER: Specification may require revision to correspond to drawing changes.            _____ Views connected by projection lines or lead lines.            Fig.(s) _____            Partial views. 37 CFR 1.84(h)(2)            _____ Brackets needed to show figure as one entity.            Fig.(s) _____            _____ Views not labeled separately or properly.            Fig.(s) _____            _____ Enlarged view not labeled separately or properly.            Fig.(s) _____</p>	<p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.48(p)            _____ Numbers and reference characters not plain and legible.            Fig.(s) _____            _____ Figure legends are poor. Fig.(s) _____            _____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s) _____            _____ English alphabet not used. 37 CFR 1.84(p)(3) Fig.(s) _____            _____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s) _____</p>
	<p>13. LEAD LINES. 37 CFR 1.84(q)            _____ Lead lines cross each other. Fig.(s) _____            _____ Lead lines missing. Fig.(s) _____</p>
	<p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(i)            _____ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig.(s) _____</p>
	<p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)            _____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig.(s) _____</p>
	<p>16. CORRECTIONS. 37 CFR 1.84(w)            _____ Corrections not made from PTO-948 dated _____</p>
	<p>17. DESIGN DRAWINGS. 37 CFR 1.152            _____ Surface shading shown not appropriate. Fig.(s) _____            _____ Solid black shading not used for color contrast.            Fig.(s) _____</p>

COMMENTS

REVIEWER

T. Reden

DATE

4/30/99

TELEPHONE NO.

703 305 8335

ATTACHMENT TO PAPER NO.

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PTO COPY